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REMARKS

Applicants submit this Second Preliminary Amendment to comply with requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures, by correcting the organisms for SEQ ID NOS:1-21 and 37-58, which were inadvertently misidentified in the Sequence Listing filed March 31, 2004.

Applicants also provide as a substitute Sequence Listing in paper copy and on floppy disk in computer readable form pursuant to 37 C.F.R. §§ 1.821-1.825.

The organism in SEQ ID NO:1 has been corrected to "woodchuck hepatitis virus" as supported by the specification on page 19, lines 18-20.

The organism in SEQ ID NOS:2-20 have been corrected to "woodchuck hepatitis virus" as supported by the specification on page 50, Table 1.

The organism in SEQ ID NO:21 has been corrected to "ground squirrel hepatitis virus" as supported by the specification on page 19, lines 21-23, and page 55, footnote to Table 3.

The organism in SEQ ID NOS:37-38 have been corrected to "woodchuck hepatitis virus" as supported by the specification on page 19, lines 18-20.

The organism in SEQ ID NO:39 has been corrected to "ground squirrel hepatitis virus" as supported by the specification on page 19, lines 21-23 and page 34, lines 22-25.

The organism in SEQ ID NO:40 has been corrected to "ground squirrel hepatitis virus" as supported by the specification on page 19, lines 21-23 and page 55, footnote to Table 3.

The organism in SEQ ID NO:41 has been corrected to "human hepatitis B virus" as supported by the specification on page 19, lines 24-26 and page 34, lines 28-30.

The organism in SEQ ID NOS:42-56 have been corrected to "human hepatitis B virus" as supported by the specification on page 56, Table 4.

The organism in SEQ ID NOS:57-58 has been corrected to "human hepatitis B virus" as supported by the specification on page 19, lines 24-26.

PATENT

Attorney Docket No. VACCINE-07083

Applicants amendments do not introduce new matter.

Dated:

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